

# **Surface Wrap System**

(Serial No. EX880001- )

**John Deere Ottumwa Works**  
**OME87620 Issue K5**  
**(This manual replaces OME82445 H2)**

LITHO IN U.S.A.  
ENGLISH

# Introduction

READ THIS MANUAL carefully to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage. This manual and safety signs on your machine may also be available in other languages. (See your John Deere dealer to order.)

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction the implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification section. Accurately record

all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. File the identification numbers in a secure place off the machine.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

Checklists

**DELIVERY**

The following checklist is a reminder of very important information which should be conveyed to the customer at the time the surface wrap is delivered. Check off each item as it is fully explained to the customer.

- John Deere warranty.
- Safe and correct operation and service.
- Correct lubricants.
- Daily and periodic inspections.
- Servicing machine regularly and correctly.
- Advise customer of safety precautions that must be observed while operating surface wrap.
- Storing machine correctly.
- John Deere parts and service.
- Give the operator's manual to the customer and explain all operating adjustments and lubrication fully. Encourage customer to read manual.
- Have customer record machine serial number in the Specifications section of the operator's manual.
- Remove and file this page.

\_\_\_\_\_  
(Date Delivered)

\_\_\_\_\_  
(Signature)

EX,435USU,CA1 -19-25SEP95

Checklists

**AFTER-SALE**

It is suggested the following items be checked sometime during the first season of operation.

- Go over entire machine for loose or missing hardware.
- Check for broken or damaged parts.
- Check operating adjustments.

- If possible, run baler to see if surface wrap is functioning properly. Inspect wraps on a few bales.
- Review the entire operator's manual with the customer and stress the importance of proper and regular lubrication and safety precautions.

\_\_\_\_\_  
(Date Checked)

\_\_\_\_\_  
(Signature)

EX,435USU,DA1 -19-25SEP95

*Checklists*

# Contents

	Page		Page
<b>Safety</b> .....	1	<b>Service</b>	
<b>Preparing Baler for Surface Wrap</b>		Practice Safety .....	31
Selecting Surface Wrap Material .....	6	Adjusting Feed Roll Pressure .....	31
Care of Surface Wrap Material .....	6	Checking Drive Belt Length .....	32
Additional Surface Wrap Storage .....	6	Removing and Installing Belt .....	33
Opening and Closing Surface Wrap		Removing V-Belt Idler Arms .....	34
Cover .....	7	Removing and Installing Knife .....	34
Threading Surface Wrap and Routing		Checking Brake .....	35
Through Rolls .....	7	Adjusting Microswitch .....	36
<b>Operating Baler with Surface Wrap</b>		Removing Wrappage From Feed Rollers .....	36
General Information .....	10	Adjusting Roll Support Brackets .....	38
How the Surface Wrap Attachment Works .....	10	Adjusting Knife Arm Stop .....	39
Using Surface Wrap after Extended		Increasing Brake Bar Tension .....	41
Storage .....	11	Decreasing Brake Bar Tension .....	42
BALE-TRAK Monitor Operation with		Servicing Lower Front Gate Roll .....	43
Surface Wrap .....	13	Bleeding Hydraulic Circuit .....	44
Discharging Bale with Surface Wrap .....	13	Surface Wrap Hydraulic System .....	45
Changing From Twine Wrap to Surface		<b>Surface Wrap Assembly</b> .....	46
Wrap .....	14	<b>Specifications</b>	
Adjusting Number of Surface Wraps on		Record Product Identification Number .....	73
the Baler .....	15	Bolt and Cap Screw Torque Value Charts	
Changing from Surface Wrap to Twine		Metric .....	74
Wrap .....	16	Inch .....	75
Operating Surface Wrap System With		<b>Index</b>	
Empty Baler .....	17		
Releasing Knife Arm Manually .....	18		
<b>Lubrication and Maintenance</b>			
Grease .....	19		
Alternative Lubricants .....	19		
Observe Lubrication Symbols .....	19		
Perform Lubrication and Maintenance .....	20		
Lubrication and Maintenance			
Every 30 Hours .....	20		
Annually .....	21		
<b>Troubleshooting</b> .....	22		

*All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.*

OME87620 K5-19-30OCT95

COPYRIGHT© 1995  
DEERE & COMPANY  
Moline, Illinois  
All rights reserved  
A John Deere ILLUSTRATION® Manual  
Previous Editions  
Copyright 1992, 1991 Deere & Company

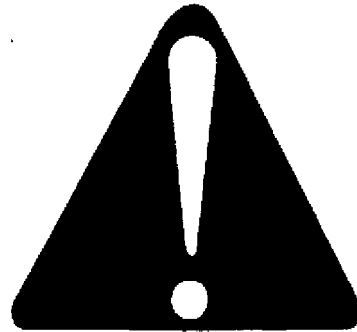
*Contents*

# Safety

## RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



DX,ALERT -19-03MAR93

T81389 -UN-07DEC68

## UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



DX,SIGNAL -19-03MAR93

TS187 -19-30SEP88

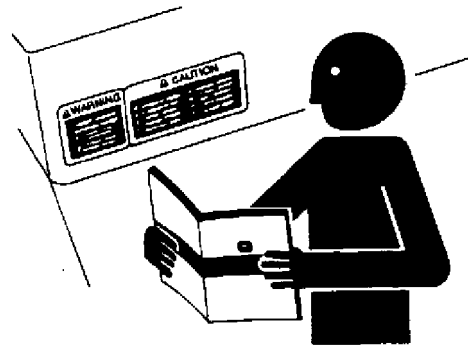
## FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



DX,READ -19-03MAR93

TS201 -UN-23AUG88





## REMOVE PAINT BEFORE WELDING OR HEATING

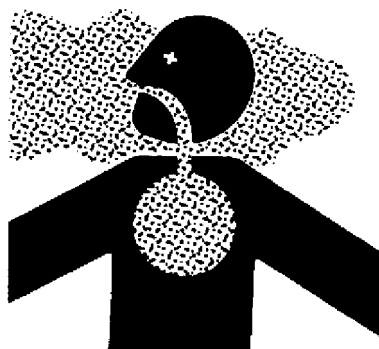
Avoid potentially toxic fumes and dust.

Hazardous fumes can be generated when paint is heated by welding, soldering, or using a torch.

Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

Remove paint before welding or heating:

- If you sand or grind paint, avoid breathing the dust. Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.



DX,PAINT -19-03MAR93

TS220 -UN-23AUG68

## AVOID HEATING NEAR PRESSURIZED FLUID LINES

Flammable spray can be generated by heating near pressurized fluid lines, resulting in severe burns to yourself and bystanders. Do not heat by welding, soldering, or using a torch near pressurized fluid lines or other flammable materials. Pressurized lines can be accidentally cut when heat goes beyond the immediate flame area.



DX,TORCH -19-03MAR93

TS953 -UN-15MAY90



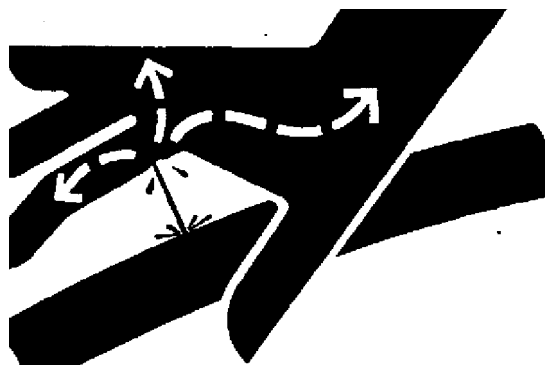
## AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A.



X9811 -UN-23AUG88

DX,FLUID -19-03MAR93

## DISPOSE OF WASTE PROPERLY

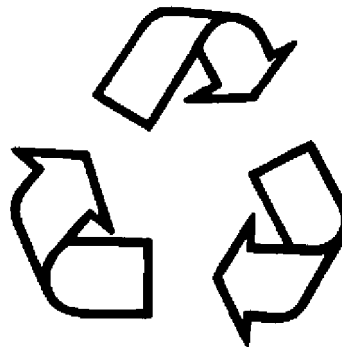
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

Use leakproof containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

Do not pour waste onto the ground, down a drain, or into any water source.

Air conditioning refrigerants escaping into the air can damage the Earth's atmosphere. Government regulations may require a certified air conditioning service center to recover and recycle used air conditioning refrigerants.

Inquire on the proper way to recycle or dispose of waste from your local environmental or recycling center, or from your John Deere dealer.

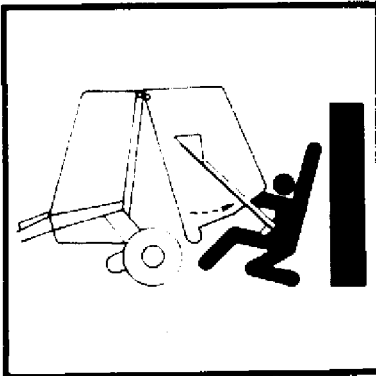


TS1133 -UN-26NOV90

DX,DRAIN -19-03MAR93



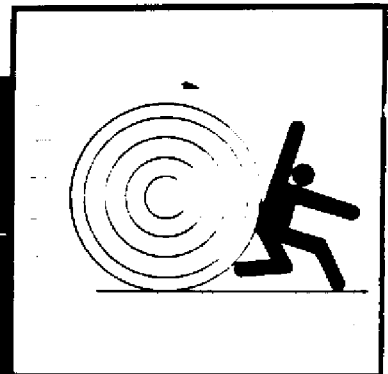
## SAFETY SIGNS



### **⚠ WARNING**

**HELP PREVENT CRUSHING INJURY:**  
Be sure bystanders stand clear before  
operating gate and unloading bale.

**STAY CLEAR OF GATE AND/OR PUSH BAR**  
while being raised or lowered.  
**WATCH FOR ROLLING BALE.**



E35380 -19-21AUG90

EX,435USC,AA1 -19-25SEP95

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)